TDMS No. 20537 - 02

Route: INTRADUCTAL CANNULATION Species/Strain: RATS/F 344/N

Test Type: 90-DAY

P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH

AVERAGE SEVERITY GRADES[b]

Adenoviral Vector (AdhAQP1)

CAS Number: ADNVIRVECAQP

Time Report Requested: 11:31:02 First Dose M/F: NA / 07/25/05

Date Report Requested: 09/10/2009

Lab: MBA

F1_R2_1Wk_SSAC

C Number: C20537

Lock Date: 11/19/2007

Cage Range: ALL

Date Range: ALL

Reasons For Removal: 25017 SSAC

Removal Date Range: ALL

Treatment Groups: Include 001 VEHCONTRCOHRTA Include 006 2-8ADHAQP1COHTA Include 011 8-9ADHAQP1COHTA

Include 016 2-11ADHAQP1COHTA

Study Gender: Female

TDMSE Version: 2.1.0

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| FISCHER 344 RATS FEMALE | VEHCONTRCOHRTA | 2-8ADHAQP1COHTA | 8-9ADHAQP1COHTA | 2-11ADHAQP1COHTA | |
|---|---------------------------|--------------------|--------------------|-------------------------------|--|
| Disposition Summary | | | | | |
| Animals Initially in Study Scheduled Sacrifice Early Deaths Survivors | 5 5 | 5 5 | 5 5 | 5 5 | |
| Animals Examined Microscopically | 5 | 5 | 5 | 5 | |
| ALIMENTARY SYSTEM | | | | | |
| Pancreas Inflammation | (5) | (5) | (5) 1 [1.0] | (5) | |
| Salivary Glands Left, Parotid Gland, Degeneration Left, Parotid Gland, Inflammation | (5) 1 [1.0] 1 [1.0] | (5) 1 [1.0] | (5) 2 [1.0] | (5) 1 [1.0] | |
| Left, Parotid Gland, Mitosis Left, Parotid Gland, Necrosis Left, Parotid Gland, Regeneration | 1 [1.0] | 3 [1.3] | 3 [1.3] | 1 [1.0] 1 [1.0] | |
| Left, Sublingual Gland, Inflammation Left, Submandibular Gland, Degeneration | 1 [2.0] 1 [3.0] | 1 [4.0] | | 1 [3.0] | |
| Left, Submandibular Gland, Inflammation Left, Submandibular Gland, Necrosis | 1 [3.0] | 1 [2.0] | | 1 [4.0] 1 [3.0] | |
| Left, Submandibular Gland, Regeneration | 1 [3.0] | 1 [3.0] | | 1 [1.0] | |
| Parotid Gland, Right, Degeneration Parotid Gland, Right, Mitosis Parotid Gland, Right, Necrosis | 3 [1.3] | 1 [1.0] 3 [1.7] | 1 [1.0] 2 [1.5] | 3 [1.3] 1 [1.0] 2 [1.0] | |
| Parotid Gland, Right, Regeneration Right, Submandibular Gland, Degeneration | 2 [1.0] 4 [3.3] | 4 [3.3] | 5 [2.8] | 1 [2.0] 4 [3.8] | |
| Right, Submandibular Gland, Inflammation | 2 [2.5] | 4 [1.8] | 4 [3.0] | 4 [3.8] | |
| Right, Submandibular Gland, Necrosis Right, Submandibular Gland, Regeneration | 1 [1.0] 4 [2.5] | 4 [2.5] | 5 [1.4] | 4 [2.8] 4 [1.3] | |
| Stomach, Glandular Inflammation | (5) | (5) | (5) 1 [1.0] | (5) | |

a - Number of animals examined microscopically at site and number of animals with lesion

b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

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| FISCHER 344 RATS FEMALE | VEHCONTRCOHRTA | 2-8ADHAQP1COHTA | 8-9ADHAQP1COHTA | 2-11ADHAQP1COHTA |
|-------------------------|----------------|-----------------|-----------------|------------------|
| Mineralization | 2 [1.5] | 1 [1.0] | | |
| CARDIOVASCULAR SYSTEM | | | | |
| Heart Cardiomyopathy | (5) | (5) | (5) | (5) 1 [1.0] |
| ENDOCRINE SYSTEM | | | | |
| None | | | | |
| GENERAL BODY SYSTEM | | | | |
| None | | | | |
| GENITAL SYSTEM | | | | |
| None | | | | |
| HEMATOPOIETIC SYSTEM | | | | |
| None | | | | |
| INTEGUMENTARY SYSTEM | | | | |
| None | | | | |
| MUSCULOSKELETAL SYSTEM | | | | |
| None | | | | |
| NERVOUS SYSTEM | | | | |
| None | | | | |

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|--------------------------|----------------|-----------------|-----------------|------------------|--|
| RESPIRATORY SYSTEM None | | | | | |
| SPECIAL SENSES SYSTEM | | | | | |
| Eye Retina, Dysplasia | (5) 2 [1.0] | (5) | (5) | (5) | |
| URINARY SYSTEM | | | | | |
| None | | | | | |

*** END OF REPORT ***

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